



Thermal shield for components made of thermoplastics

Patent Number:  [US6335073](#)
Publication date: 2002-01-01
Inventor(s): KOECK GERHARD (DE); LAHNER STEFAN (DE); PFAFFELHUBER KLAUS (DE)
Applicant(s): FAIST AUTOMOTIVE GMBH & CO KG (US)
Requested Patent:  [DE19705511](#)
Application Number: US19990251695 19990217
Priority Number(s): US19990251695 19990217; DE19971005511 19970213
IPC Classification: B32B1/04; B27N9/00
EC Classification: [B32B15/08](#), [B32B15/20](#), [F16L59/02G](#)
Equivalents:

Abstract

In a thermal shield for components made of thermoplastics, for the automotive industry in particular, an aluminium layer 2 is connected with the component to be protected, which serves as a carrier 1 for the thermal shield H, by means of a thermoplastic coating 3 in the region of the heat source. It is recommended to dispose the thermal shield H not only in the immediate region of heat source 4, but also, on the component, in the area up to a lateral spacing B from the heat source that the aluminium layer 2 may dissipate heat outwardly, i.e. outwardly from the region of thermal shield 4 to a cooler region

Data supplied from the esp@cenet database - I2